



ANIMAL HEALTH ADVISORY COMMITTEE

**Working Group of the Advisory Group on
the Food Chain**

Safe end points for fertilisers

Brussels, 7th June 2022

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Background information

Regulation (EU) 2019/1009 introduced the legal framework for the market of EU fertilizing products. Certain derived products referred to in Article 32 of Regulation (EC) No 1069/2009 may become EU fertilizing products provided that such derived product reach the end point in the manufacturing chain of organic fertilizers and soil improvers.

Background information

“EU fertilizing products”:

- *an end-point in the manufacturing chain of animal by-products must be defined and reached, ensuring animal and public health safety.*
- *may be placed on the market without animal health restrictions.*

Background information

the EFSA opinion (*EFSA Journal* 2021;19(12):6932)

EFSA JOURNAL
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Inactivation of indicator microorganisms and biological hazards by standard and/or alternative processing methods in Category 2 and 3 animal by-products and derived products to be used as organic fertilisers and/or soil improvers

EFSA Panel on Biological Hazards (BIOHAZ) ✉ Konstantinos Koutsoumanis, Ana Allende, Declan Bolton, Sara Bover-Cid, Marianne Chemaly, Robert Davies, Alessandra De Cesare ... [See all authors](#) ▾

First published: 02 December 2021 | <https://doi.org/10.2903/j.efsa.2021.6932>

Requestor: European Commission

Question number: EFSA-Q-2020-00401

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Declarations of interest: The declarations of interest of all scientific experts active in EFSA's work are available at <https://ess.efsa.europa.eu/doi/doiweb/doisearch>.

Acknowledgements: The Panel wishes to thank Paul Gale, Working Group member until his resignation on 19 August 2021, for his contributions to the discussions. The Panel also wishes to thank Katrin Bote, Maria Francesca Lulietto and Winy Messens for their contributions to the drafting of this scientific output. Reproduction of the images listed below is prohibited and permission must be sought directly from the copyright holder:

Figure 1: © Toldrá-Reig, F., Mora, L., Toldrá, F.
Adopted: 20 October 2021



Volume 19, Issue 12
December 2021
e06932

Figures References **Related** Information

Recommended

[Opinion of the Scientific Panel on biological hazards \(BIOHAZ\) on "Biodiesel Process" as a method for safe disposal of category 1 Animal by-Products \(ABP\)](#)

European Food Safety Authority (EFSA)

EFSA Journal

[Opinion of the Scientific Panel on biological hazards \(BIOHAZ\) on "Combustion of Tallow in a Thermal Boiler" process for safe disposal of animal by-products as method for safe disposal of category 1 Animal by-Products \(ABP\) not intended for human consumption](#)

European Food Safety Authority (EFSA)

EFSA Journal

SECTIONS

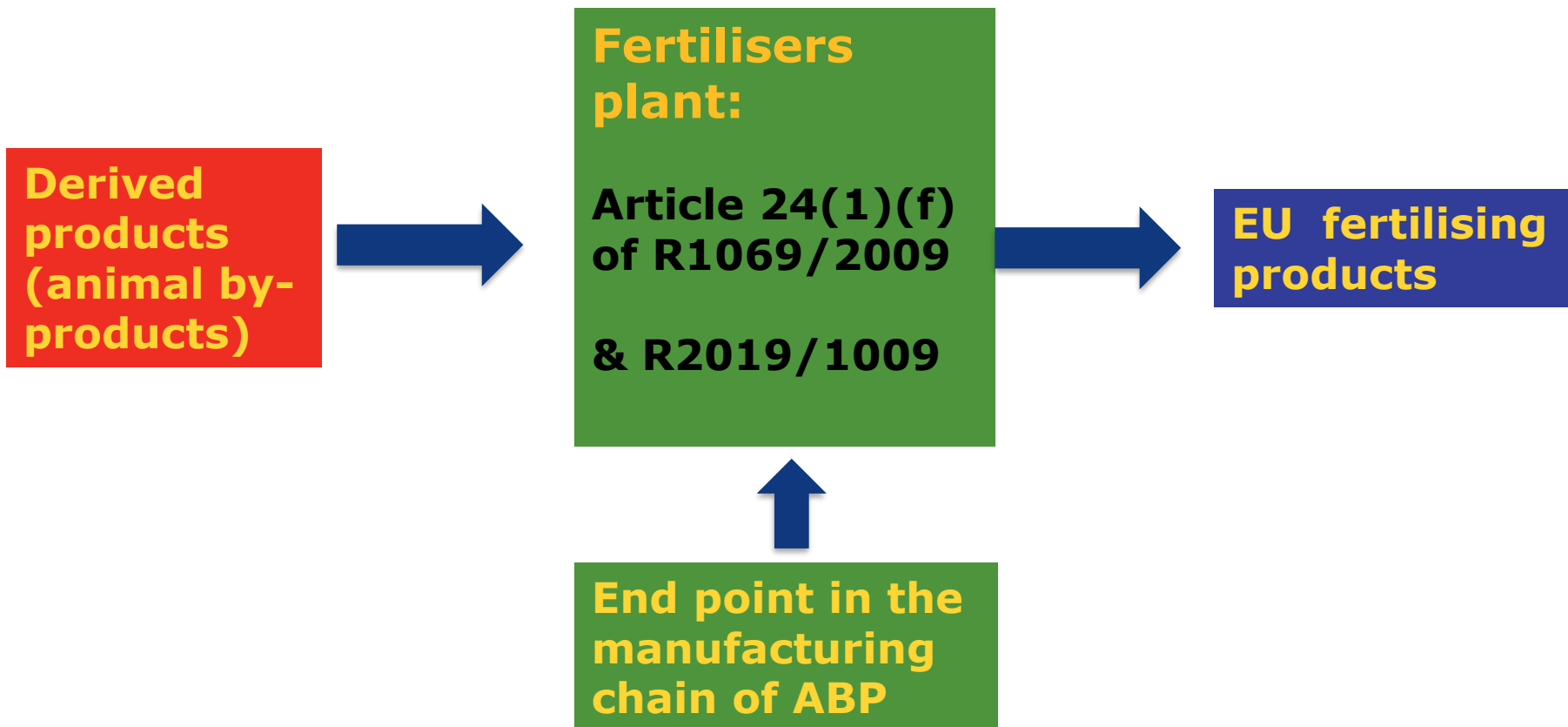
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Background information

Art 32: Category 2 or 3 DP	Processing standards	Alternative composting and biogas transformation parameters
Ash derived from incineration, co-incineration and combustion	850° C, > 2 s and 1,100° C, > 0.2 s	Annex V, Chapter III, Section 2, point 1
Glycerine derived from the production of biodiesel and renewable fuels	Processing method for biodiesel/renewable fuels	
Other materials derived from the production of biodiesel and renewable	Processing method for biodiesel/renewable fuels	
Hides and skins	Annex XIII to R142/2011	
Wool and hair	Annex XIII to R142/2011	
Feathers and down	Annex XIII to R142/2011	
Pig bristles	Annex XIII to R142/2011	
Horns, horn products, hooves and hoof products	Annex XIII to R142/2011	

Background information

Risk assessment vs. risk management



Time line

Presentation of the EFSA opinion at the PAFF of 10 February 2022

Expert meetings:

14 March 2022

27 April 2022

18 May 2022

2 June 2022

Animal Health Advisory Committee:

7 June 2022

Discussion

Derived products of Category 2 and 3 materials

No additional guaranties

Ash

Compost

Biogas digestion residues

Horns, Hooves and products

Additional guaranties

Glycerine

Feather and down

Processed animal protein

Meat-and-bone meal

Blood products

Hydrolysed protein

**Dicalcium phosphate and
Tricalcium phosphate**

Discussion

Additional guaranties

Organic fertilisers and soil improvers containing derived products:

- are packaged in ready-to-sell packages of not more than 50 kg for use by the final consumer
- content of not more than 50 % in volume

Discussion

No end points for fertilisers produced in third countries



Thanks

Matjaz KLEMENCIC

**European Commission
Health and Food Safety Directorate-General
Directorate G, Unit G.2
Animal Health**